

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

08440.003001

#2/IDS

Hawkins
5/29/02

In Re Application Of: **Kazuhiko YAMANOUCHI**

S. PTO
JC87915943

02/26/02

Serial No.

Filing Date

Examiner

Group Art Unit

Title: **SURFACE ACOUSTIC WAVE SUBSTRATE AND SURFACE ACOUSTIC
WAVE FUNCTIONAL ELEMENT**

Address to:

Assistant Commissioner for Patents
Washington, D.C. 20231

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

- a certification as specified in 37 CFR 1.97(e);

OR

- the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).



22511

PATENT TRADEMARK OFFICE

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
08440.003001

In Re Application Of: **Kazuhiko YAMANOUCHI**

JC 579 U.S. PTO
10/085943
02/28/02

Serial No.

Filing Date

Examiner

Group Art Unit

Title: **SURFACE ACOUSTIC WAVE SUBSTRATE AND SURFACE ACOUSTIC
WAVE FUNCTIONAL ELEMENT**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **50-0591** as described below. A duplicate copy of this sheet is enclosed.
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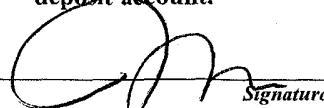
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Dated:



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SERIAL NO.

Inventor: Kazuhiko YAMANOUCHI
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10/08/943
02/26/02

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(Including Author, Title, Date, Pertinent Pages, Etc.)

"Temperature Dependence of Rayleigh Waves and Piezoelectric Leaky Surface Waves in Rotated Y-Cut LiTaO₃ and SiO₂/LiTaO₃ Structures"; authors Kazuhiko Yamanouchi, Kohji Iwashita and Kimio Shibayama of the Research Institute of Electrical Communication, Tohoku University, Sendai 980 (Japan), (received July 15, 1978, accepted in revised form November 20, 1978), as published in WAVE ELECTRONICS, 3 (1979) 319-333; Elsevier Scientific Publishing Company, Amsterdam (15 pages)

"SAW Properties of SiO₂/128° Y-X LiNbO₃ Structure Fabricated by the LIGA Process"; authors Kazuhiko Yamanouchi, Kohji Iwashita and Kimio Shibayama of the Research Institute of Electrical Communication, Tohoku University, Sendai 980 (Japan), (submitted April 1979), as published in JOURNAL OF APPLIED PHYSICS, 51 (1984) 3321-3325; American Institute of Physics, New York (15 pages)

"SAW Properties of SiO₂/128° Y-X LiNbO₃ Structure Fabricated by Magnetron Sputtering Technique",
authors Kazuhiko Yamanouchi (member IEEE), and Satoshi Hayama;
as published in IEEE TRANSACTIONS ON SONICS AND ULTRASONICS, Volume SU-31, Number 1, January 1984
(7 pages)

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DATE CONSIDERED

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Inventor: Kazuhiko YAMANOUCHI

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

	B1	"Propagation and Amplification of Rayleigh Waves and Piezoelectric Leaky Surface Waves in LiNbO ₃ " authors Kazuhiko Yamanouchi and Kimio Shibayama of the Research Institute of Electrical Communications, Tohoku University Sendai, Japan (received August 19, 1971) as published in JOURNAL OF APPLIED PHYSICS, Volume 43, Number 3, March 1972 (7 pages)
	B2	"Temperature Dependence of the Elastic, Piezoelectric, and Dielectric Constraints of Lithium Tantalate and Lithium Niobate" authors R.T. Smith and F.S. Welsh of Bell Telephone Laboratories, Incorporated, Allentown Pennsylvania 18103 (received August 10, 1970) as published in JOURNAL OF APPLIED PHYSICS, Volume 42, Number 6, May 1971
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OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

	C1	"Determination of Elastic and Piezoelectric Constants for Crystals in Class (3m)" authors A.W. Warner, M. Onoe, and G.A. Coquin of Bell Telephone Laboratories, Incorporated, Murray Hill NJ 07971 as published in THE JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA 1968 (received October 20, 1966) (9 pages)
	C2	"Measurement of Elastic Constants at Low Temperatures by Means of Ultrasonic Waves-Data for Silicon and Germanium Single Crystals, and for Fused Silica" author H.J. McSkimin of Bell Telephone Laboratories, Murray Hill NJ (received January 13, 1953) as published in JOURNAL OF APPLIED PHYSICS, Volume 24, Number 8, August 1953 (10 pages)

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